

National Electricity Transmission System Status Report

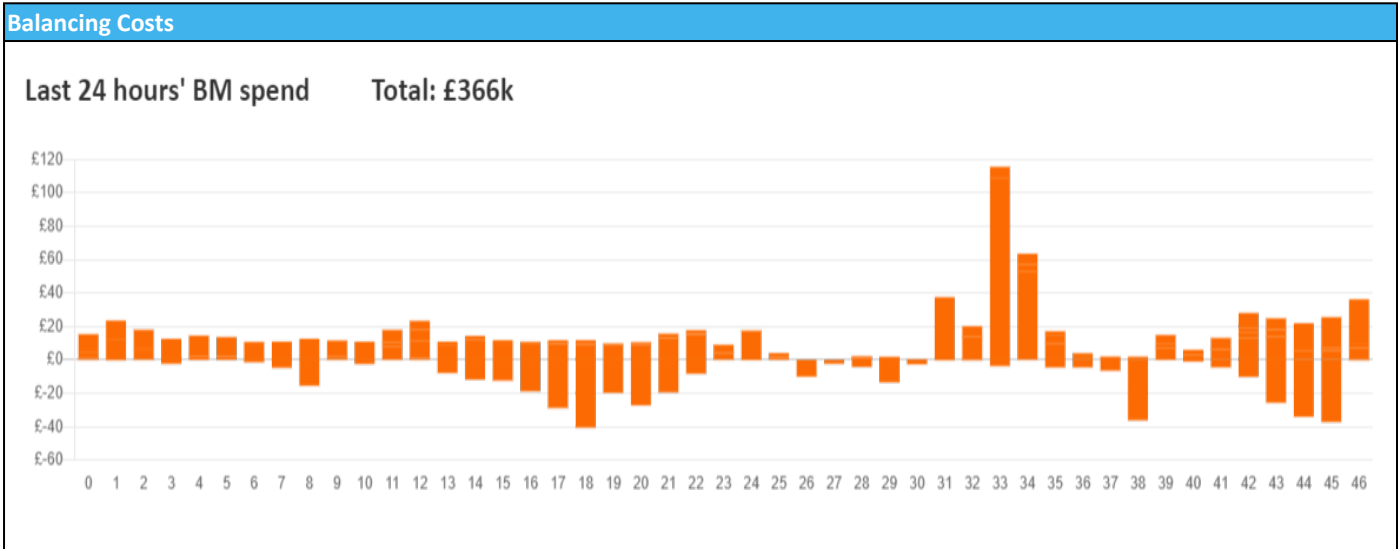


nationalgridESO

National Electricity Transmission System Status Report
Thursday 05 September 2024

| Today's High Level Risk Status Forecast for the next 24h | | | |
|--|--|----------------|--|
| General Status | | Voltage | |
| Demand | | System Inertia | |
| System Margins | | Weather | |
| Generation | | Transmission | |
| Active Constraints | | | |
| System Warning | | | |

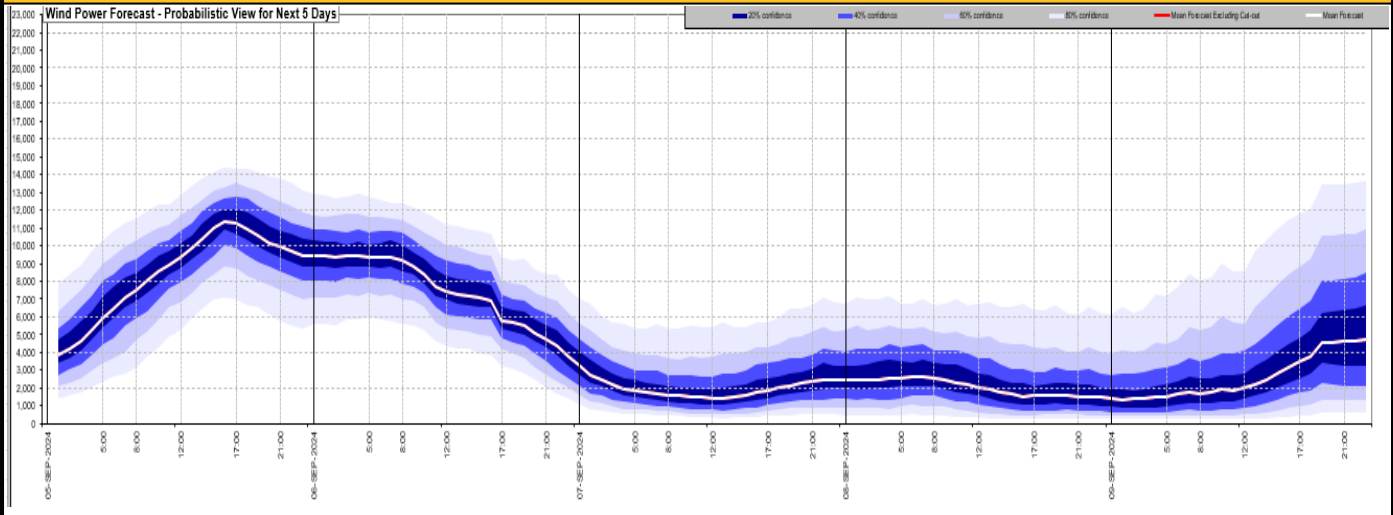
| | | |
|---|----------------|--------|
| Today's Minimum De-Rated Margin | 16,316 (SP 40) | |
| Current BMU Largest Loss Risk | Generation | 1500MW |
| | Demand | 560MW |



| Yesterday's Market Summary | |
|---------------------------------------|--------------------|
| Cash Out Price (Max) | 138.5 £/MWh(SP 35) |
| Cash Out Price (Min) | 63 £/MWh (SP 40) |
| Peak Demand Yesterday | 30,880 MW |
| Minimum Demand | 19,065 MW |

| Interconnector Net Transfer Capacity (MWs) | | | |
|--|--------|--------|----------------------|
| Today | Import | Export | Remarks |
| Netherlands (BritNed) | 1000 | 1000 | Fully Available |
| France (IFA) | 2000 | 2000 | Fully Available |
| Belgium (Nemo) | 1000 | 1000 | Fully Available |
| Ireland (EWIC) | 500 | 500 | Fully Available |
| France (ElecLink) | 1000 | 1000 | Fully Available |
| Northern Ireland (MOYLE) | 450 | 450 | Fully Available |
| Norway (NSL) | 1400 | 1400 | Fully Available |
| France (IFA2) | 1000 | 1000 | Fully Available |
| Viking Link | 1400 | 1400 | Fully Available |
| Ireland (GreenLink) | 0 | 0 | Not yet commissioned |

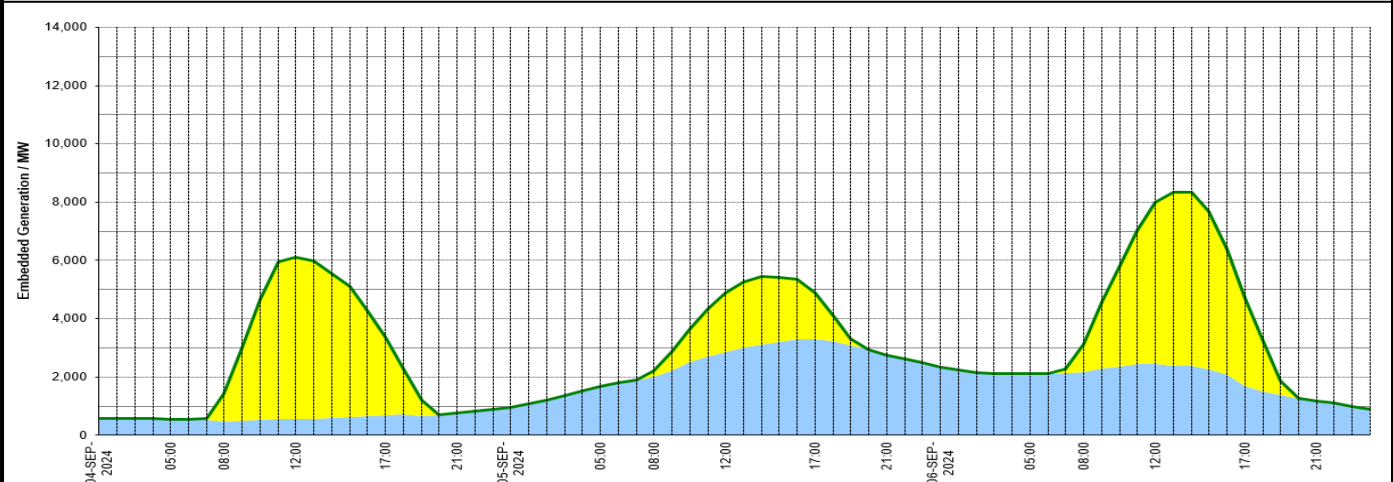
Wind Power Forecast



Expected embedded generation (MWs)

Embedded Generation Forecast

| Embedded Generation Estimates | | | | | | | | | | | | | | | | Last run: 05-Sep-2024 04:33:02 | |
|-------------------------------|-------------|-------------|-------------|-------------|------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------------------------|-------------|
| | 04-SEP-2024 | | | | | 05-SEP-2024 | | | | | 06-SEP-2024 | | | | | | |
| | 05:00 | 08:00 | 12:00 | 17:00 | 21:00 | 00:00 | 05:00 | 08:00 | 12:00 | 17:00 | 21:00 | 00:00 | 05:00 | 08:00 | 12:00 | 17:00 | 21:00 |
| Solar (MW) | 0 | 940 | 5543 | 2686 | 0 | 0 | 0 | 215 | 2018 | 1581 | 0 | 0 | 0 | 968 | 5534 | 3000 | 0 |
| Wind (MW) | 551 | 479 | 559 | 697 | 758 | 970 | 1667 | 2002 | 2866 | 3306 | 2757 | 2333 | 2112 | 2151 | 2452 | 1693 | 1182 |
| STOR (MW) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total (MW) | 551 | 1419 | 6102 | 3383 | 758 | 970 | 1667 | 2217 | 4884 | 4887 | 2757 | 2333 | 2112 | 3119 | 7986 | 4693 | 1182 |



| Weather | Source | Commentary |
|--|---|---|
| Latest forecast (Summary) | Met Office SEPA Natural Resources Wales | <p>Today: Areas of rain, occasionally heavy, moving across southern and possibly central areas. Cloud and patchy light rain also affecting the northeast. Dry with sunny spells across Northern Ireland and western Scotland. Feeling humid and warm for many especially in Scotland.</p> <p>Tonight: Heavy rain clears southwestern parts for a time, before returning in the south later which could turn thundery. Cloudy elsewhere but becoming clearer in the southeast and northwest. Mild.</p> |
| General Weather Concerns e.g. wind, rain, snow, flooding, GB Weather Warnings | Met Office Weather Warnings SEPA Natural Resources Wales | <p>UK Weather Warnings Yellow warning of rain Areas affected: East of England London & South East England South West England Wales West Midlands</p> <p>Flood Warnings 0 flood warnings and 0 flood alerts issued for England. 0 flood warnings and 0 flood alerts issued for Scotland.</p> |

| Weather | Source | Commentary |
|---------|--------|--|
| | | 0 flood warnings and 0 flood alerts issued for Wales |

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| Further Information | |
|----------------------------|---|
| BM Reports | https://www.bmreports.com |
| System Balancing Reports | https://www.nationalgrideso.com/industry-information/industry-data-and-reports/system-balancing-reports |
| Forecast Volumes and Costs | https://www.nationalgrideso.com/industry-information/industry-data-and-reports/forecast-volumes-and-costs |